ROBOTICS COMPETITION CHALLENGES BENEFITS AND LEARNING EXPERIENCE CONCERNING LEARNERS ACADEMIC ACHIEVEMENT

CARMELITA C. CURTIVO, M.A.Ed.
0000-0002-5245-7032
thatzkie.celeres@gmail.com
Department of Education Candiay, Bohol, Philippines

ABSTRACT

Robotics stirs interests and fervors of individuals of any age that affected their vocation pathing related to computer technology, science, math, and designing. This experimental research study sought to determine the influence of robotics competition challenges benefits and learning experience concerning the learners' academic achievement. It was a precise review technique with correlational research structures wherein quantitative information from the modified questionnaire-checklist was used to create a general image of the research problem. The respondents were comprised of thirteen school heads, fourteen educator - mentors, and thirty - seven students originating from state-funded schools in CD 1, CD 2, and CD 3 in the entire region of the territory of Bohol having five schools in the elementary and eight (8) in the secondary schools. The accumulated information relating to and in connection to the students' academic accomplishment were counted and displayed in classified and literary structure. The yield uncovered that the more significant part of the students is rank extraordinary in school. The result infers even amidst difficulties amid olympiad seasons and school days, students still figured out how to think about and continued keeping up and improving their grades just as their execution as robotics players. The researcher inferred that robotics competition has challenged, benefited and made positive learning experience to the learners' academic achievements.

Keywords: Robotics, Computer Technology, Innovation, Philippines